

FORM PTO-1449  O P E R A T I O N S C E N T E R P A T E N T S E P 2 4 2 0 0 3 I N F O R M A T I O N D I S C L O S U R E C I T A T I O N I N A N A P P L I C A T I O N  (Use several sheets if necessary)		Docket Number (Optional)	Application Number 10/601,262
		Applicant	Ye Liu et al.
		Filing Date June 20, 2003	Group Art Unit VJ11

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PLH	6,486,214	Nov. 26, 2002	Uhrich	514	772.5	Jul. 27, 2000
	6,217,912	Apr. 17, 2001	Park et al.	424	501	Jul. 13, 1999
	6,153,596	Nov. 28, 2000	Liotta, et al.	514	44	Dec. 18, 1997
PLH	6,267,987	Jul. 31, 2001	Park et al.	424	486	Dec. 11, 1998
PLH	6,210,717	Apr. 3, 2001	Choi et al.	424	501	Dec. 11, 1998

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES NO
PLH	WO 01/97781 A1	27.12.2001	PCT	A61K	9/14	
	0 483 429 A1	06.05.92	Europe	C08G	67/04	
	WO 03/000776 A1	03.01.2003	PCT	C08G	79/04	
PLH	WO 02/31025 A2	18.04.2002	PCT	C08G	73/02	
PLH	WO 02/092667 A1	21.11.2002	PCT	C08G	79/04	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
PLH	PLH X	Lynn, D.M., Langer R. "Degradable poly(β-amino esters): Synthesis, Characterization, and Self-Assembly with Plasmid DNA", <i>Journal of American Chemical Society</i> , 2000, 122, 10761.
	X	Lynn, D.M., Anderson D.G., Putnam D., Langer R. "Accelerated Discovery of Synthetic Transfection Vectors: Parallel Synthesis and Screening of a Degradable Polymer Library", <i>Journal of American Chemical Society</i> , 2001, 123, 8155.
	X	Lynn, D.M., Amiji, M.M., Langer, R. "pH-Responsive Polymer Microspheres: Rapid Release of Encapsulated Materials within the Range of Intercellular pH", <i>Angew. Chem. Int. Ed.</i> 2001, 40(9), 1707.
	X	Gao, C., Tang, W., Yan D.Y., "Synthesis and Characterization of Water-Soluble Hyperbranched Poly(ester amine)s from Diacrylates and Diamines, <i>Journal of Polymer Science Part A: Polymer Chemistry</i> , 2002, 40, 2340
PLH	PLH X	Wang J., Mao, H.Q., Leong K.M., "A novel Biodegradable Gene Carrier Based on Polyphosphoester, <i>Journal of American Chemical Society</i> , 2001, 123, 9480.

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

*(Use several sheets if necessary)*

Docket Number (Optional)  
6565-66243/RJPApplication Number  
10/601,262

Applicant

Ye Liu et al.

Filing Date

June 20, 2003

Group Art Unit

2872

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Liu, Y., Wu, D., Ma, Y., Tang, G., Wang, S., He, C., Chung, T., Goh, S. "Novel poly(amino ester)s obtained from Michael addition polymerizations of trifunctional amine monomers with diacrylates: safe and efficient DNA carriers", <i>Chemical Communications</i> , 2003, 20, 2630.

EXAMINER:



DATE CONSIDERED:



EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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\* The month in the date of publication is not available. psl



FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)		Attorney Docket Number 6565-66243-01	Application Number 10/601,262
		Applicant Ye Liu et al.	
		Filing Date June 20, 2003	Group Art Unit 2872 171

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>PH</i>	5,180,424	Jan. 19/93	Hutter	106	20	

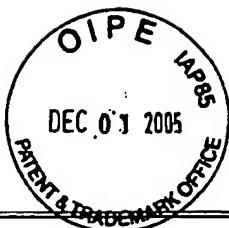
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES      NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
<i>PH</i>	J. Jagur-Grodzinski, "Biomedical application of functional polymers", <i>Reactive &amp; Functional Polymers</i> , 39 (1999) 99-138.
EXAMINER: <i>PH</i>	DATE CONSIDERED: <i>7/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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\* The 11/21/94 in the publication is not available.  
*PH*



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		Applicant Ye Liu et al.	
		Filing Date June 20, 2003	Group Art Unit 1711

U.S. PATENT DOCUMENTS						
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES      NO
PLK	WO 2004/106411 A2	Dec. 9/04	EP	C08G	73/00	<input type="checkbox"/> <input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER: <i>P. Hargrave</i>	DATE CONSIDERED: <i>7/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	